

April 7, 2011 NIST Smart Grid Privacy Subgroup Meeting Notes

Minutes by Rebecca Herold

Please send this distribution list any necessary corrections or additions.

Next full group teleconference meeting:

Thursday April 28, 2011 at 11:00am est

Here are my summary notes from the meeting:

1. What happens to NIST Smart Grid work if Federal government “shuts down”?

- Tanya Brewer. If it shuts down, it is likely that the mail lists will not work while shut down. The web site may not be up. All servers will be shut down. Not all federal websites, but a good portion. NIST would be some that would be shut down. Only function considered to keep is the time service for the official U.S. time.
- Ken Wacks: Would be illegal for gov't EEs to access gov't computer systems, even on a volunteer basis?
- Tanya: Yes, it is illegal unless there is a waiver. Backup for the NAESB effort? Don't know about the con call phone numbers.

2. Team Updates

- Third Party Team: Brent Struthers (team lead):
Tanya: A lot of discussion of the document. Using NAESB since they have a similar goal. Theirs is a narrower scope, so we are taking their draft as a template and then expanding it and adding to it. NAESB has been looking at smart meter based information that third parties would get access to via distribution companies. Includes frequent meter reads. Potentially some pricing data. Only data coming from the meter. Language that urges companies that gather data directly from appliances to also follow practice, but that is not within the actual scope. Our scope is wider. We are looking at more than just the smart meter data. Also data from the smart appliances as well. In some business systems. They did use the paper Ken, Rebecca and others wrote last fall and it's being incorporated. Fuzzy on custodians versus stewards. Pointing to the appropriate regulatory authorities.
- Privacy Use Cases Team: Christine Hertzog, Smart Grid Library (team lead):
Rebecca gave update; team members continue including privacy considerations into the existing privacy use cases.
- PEV Team: Mike Coop, Hey Coop! (team lead):
 - Tanya: There were meetings last week in Nashville.
 - Ken: Discussing what consumers want, 1 million PEVs supported by 2015. Concerns of automatically tracking PEVs and what data is shared at charging stations. Looking at whether bill for charging is put into energy account. Does utility need to be notified automatically when purchasing a PEV. Wireless access in vehicles is a concern. Only 19% of Volt purchasers are getting a charger.
 - Lee T: What is smart energy profile?

- Ken: A Zigbee method of communicated messages related to demand response. A communication's protocol. A profile is a particular way of using standards, from an engineer's point of view in communication terminology.
- Lee T: Cyber security and mobility issues are significant issues. Oshikino research for communications in modern vehicles.
- Ken: Yes, things like Bluetooth poses significant risk. On other hand, no anonymity about giving away info when remotely charging. Some concerned, some not.
- Training and Awareness Team: Rebecca Herold (team lead)
 - Rebecca: Team is creating matrix of audiences and corresponding training and awareness topics and methods for smart grid participants.
 - Ken: Participates in the SGIP group. Good to make sure privacy is addressed appropriately
 - DoE gave a few millions in grants given for developing training and awareness.
 - Ken: Got a reporter on a story about developing training programs for technicians. Non-profit training organization.
 - Lee T: PG&E, for folks that have meters, wireless is main concern. If the wireless is turned off, then meters would need to be read more often.
- NOTE: The NSTIC Team is on hold until the final report is issued
Lee T: April 15 is the communicated day for release.

3. Miscellaneous

- Next full group meeting will be Thursday, April 21
- Other?
- Stranded assets
- Gail: IAPP knowledgenet meeting: Privacy by design is a term that is being used in many different ways. Mabybe a good idea to take our work and use the PbD principles to assess what we've done against it?
- Ken Wacks; PbD is being promoted heavily in many areas.
- Tanya: No offense, but PdD is very new, and there are a lot of things we've done that have been well vetted, don't think what we've done isn't useful and doesn't need to be compared to a new and generally untested method.
- Gail: Not saying what we've done isn't of any value. Just saying we can look at PbD and see how it can fit into what we're discussing.
- Eugene from Ontario: Resolution was passed that PbD be adopted by [?? Didn't catch this] commissioners at conference.
- Gail: FTC was part of the voting.
- Martha: None of the PG&E websites mention privacy. SCG&E either.
- Lee T: California is in flux. Met several times with PG&E and seemed to be willing to do things with regard to privacy. Some of the southern CA groups weren't interested in talking about it.
- Ken Wacks: Wrote paper with Rebecca last year. One of the utilities said no concern for privacy.
- Eugene: Will send URLs.

Thanks,

Rebecca